

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

**Complete if Known**

Application Number	10/661692
Filing Date	09-12-2003
First Named Inventor	Jorg Mayer
Art Unit	3732
Examiner Name	Unknown
Attorney Docket Number	FRG-14788CIP

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
OCB		US- 10/415454	08-27-2003	Aeschlimann et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

OCB

Date  
Considered

1/21/05

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Substitute for form 1448/PTO

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
Application Number	10/661692
Filing Date	9/12/2003
First Named Inventor	Jorg Mayer et al.
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

Sheet	2	of	3
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	✓	DE 3828340	08-20-1988		(English Abstract)
	✓	DE 4328108	08-20-1993		(English Abstract)
	✓	FR 0269476	10-20-1987		(English Abstract)
	✓	FR 1164445	01-15-1957		(English Abstract)
	✓	FR 1407582	09-14-1964		(English Abstract)
	✓	FR 2205402	11-06-1973		(English Abstract)

Examiner Signature	C Stokes	Date Considered	1/24/05
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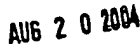
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Examiner Name	
Attorney Docket Number	FRG-14788CIP

Sheet	3	of	3
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Sheet	1	of	3
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Application Number	10/661692
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Attorney Docket Number	FRG-14788CIP

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		/Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
CP     RSP	✓	GB 1203305	08-26-1970			
	✓	FR 2615786	05-27-1987		(English Abstract)	
	✓	DE 3045706	12-04-1980		(English Abstract)	
	✓	DE 2418198	04-13-1974		(English Abstract)	
	✓	DD 257797	02-27-1987		(English Abstract)	
	✓	DE 19741087	09-18-1997		(English Abstract)	

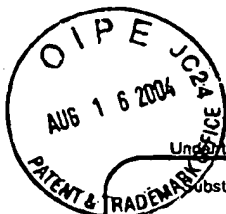
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Date Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/661692
		Filing Date	9/12/2003
		First Named Inventor	Jorg Mayer et al.
		Art Unit	3732
		Examiner Name	
Sheet 1 of 3		Attorney Docket Number	FRG-14788CIP

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
COD		US- 2510693	06-06-1950	Green	
		US- 3184353	05-18-1965	Balamuth et al.	
		US- 3481803	12-02-1969	Hewitt	
		US- 3612803	10-12-1971	Klaas	
		US- 3723215	03-27-1973	Kessler	
		US- 3919775	11-18-1975	Malmin	
		US- 4100954	07-18-1978	Muller et al.	
		US- 4130751	12-19-1978	Gordon	
		US- 4328108	05-04-1982	Deeken	
		US- 4482795	11-13-1984	Hinden	
		US- 4566138	01-28-1986	Lewis et al.	
		US- 4675972	06-30-1987	Bappert et al.	
		US- 4717302	01-05-1988	Adams et al.	
		US- 4761871	08-09-1988	O'Connor	
		US- 5125442	06-30-1992	Hendrickson	
		US- 5271785	12-21-1993	Devine	
		US- 5308205	05-03-1994	Lautenschlager	
CLP		US- 5393559	02-28-1995	Shoesmith et al.	
		US- 5447592	09-05-1995	Berce et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	1/14/05
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Application Number	10/661692
Filing Date	9/12/2003
First Named Inventor	Jorg Mayer et al.
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

Sheet 2 of 3**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
CER ↓ CCB		US- 5547325	08-20-1996	Tucker et al.	
		US- 5772359	06-30-1998	Marty	
		US- 5780536	07-14-1998	Yokoyama et al.	
		US- 5785476	07-28-1998	McDonnell	
		US- 5840154	11-24-1998	Wittmaier	
		US- 772029	10-11-1904	Clark	
		US- 2942748	06-28-1960	Anderson	
		US- 2458152	01-04-1949	Eakins	
		US- 2366274	01-02-1945	Luth et al.	
		US- 5589015	12-31-1996	Fusco et al.	
		US- 4525147	06-25-1985	Pitz et al.	
		US- 5244933	09-14-1993	Eidenenz et al.	
		US- 5803736	09-08-1998	Merritt, Jr.	
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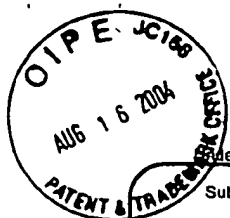
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/661692
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		First Named Inventor	Jorg Mayer et al.
		Art Unit	3732
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	FRG-14788CIP	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CCD	✓	Reader's Digest Complete Do-it-Yourself Manual (page 69)	
CCD	✓	The Simon and Schuster Complete Guide to Home Repair and Maintenance (page 45)	

Examiner Signature	<i>CS Jones</i>	Date Considered	1/21/05
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Sheet 1 of 5

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COP		US- 5037442	08-06-1991	Wintermantel et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
COP		EP 1184006	03-06-2002			
		WO 96/01377	01-18-1996			
		WO 98/42988	10-01-1998			
		WO 02/069817	03-02-2002			
		WO 01/09445	02-08-2001			
		JP 07300904	11-14-1995			

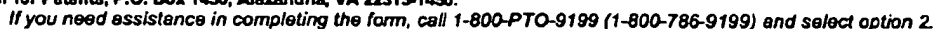
Examiner Signature	<i>[Signature]</i>	Date Considered	11/21/05
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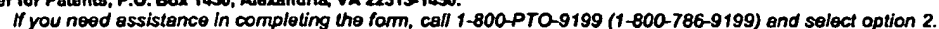
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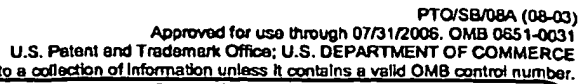
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Sheet	4
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of 5

**Complete if Known**

Application Number	10/661692
Filing Date	9/12/2003
First Named Inventor	Jorg Mayer et al.
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**Examiner  
Signature**

C. S. Stokes

Date	Considered

1	2	3
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/661692
		Filing Date	9/12/2003
		First Named Inventor	Jorg Mayer et al.
		Art Unit	3732
		Examiner Name	
Sheet 5	of 5	Attorney Docket Number FRG-14788CIP	

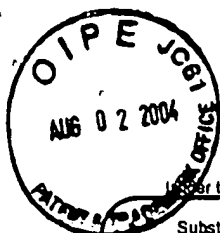
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CCD	✓	"Linear Vibration Welding of Non Metallic Components", Welding & Metal Fabrication, May 1989, pp. 152-154	

Examiner Signature	C. Stokes	Date Considered	1/21/05
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/661692
Filing Date	9/12/2003
First Named Inventor	Jorg Mayer
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

Sheet 1 of 5

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CDS		US- 2002/0044753	04-18-2002	Nagayama et al.	
		US- 6099313	08-08-2000	Dorken et al.	
		US- 4032803	06-28-1977	Durr et al.	
		US- 4248232	02-03-1981	Engelbrecht et al.	
		US- 5004422	04-02-1991	Propper	
		US- 5019083	05-28-1991	Klapper et al.	
		US- 5171148	12-15-1992	Wasserman et al.	
		US- 5163960	11-17-1992	Bonutti	
		US- 5167619	12-01-1992	Wuchinich	
		US- 5413578	05-09-1995	Zahedi	
		US- 5593425	01-14-1997	Bonutti et al.	
		US- 5426341	06-20-1995	Bory et al.	
		US- 5709823	01-20-1998	Hahn	
		US- 5735875	04-07-1998	Bonutti et al.	
		US- 5871514	02-16-1999	Wiklund et al.	
		US- 5871515	02-16-1999	Wiklund et al.	
		US- 5897578	04-27-1999	Wiklund et al.	
		US- 5919215	07-06-1999	Wiklund et al.	
UCD		US- 5941901	08-24-1999	Egan	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
CDS		JP 10323351A1	12-08-1998	Terumo Corp.		
		DE 4100636A1	01-11-1991	Servo-Dental		
		EP 0451932A1	04-10-1991	Mecron		
		DE 9012044.2	08-21-1990	Klaus		
		DE 2655086	12-04-1976	Rademacher		
		DE 0317757.7	11-19-1993	Klaus		

Examiner Signature	C. Stalder	Date Considered	1/21/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/661692
		Filing Date	9/12/2003
		First Named Inventor	Jorg Mayer
		Art Unit	3732
		Examiner Name	
Sheet 2 of 5	Attorney Docket Number	FRG-14788CIP	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CCP		US- 5964764	10-12-1999	West, Jr. et al.	
		US- 5993458	11-30-1999	Vaitekunas et al.	
CCP		US- 5993477	11-30-1999	Vaitekunas et al.	
		US- 6056751	05-02-2000	Fenton, Jr.	
CCP		US- 6068482	05-30-2000	Snow	
		US-			
CCP		US- 6139320	10-31-2000	Hahn	
		US- 6039568	03-21-2000	Hinds	
I		US- 6059817	05-09-2000	Bonutti et al.	
		US- 6080161	06-27-2000	Eaves, III et al.	
I		US- 6141874	11-07-2000	Olsen	
		US- 6193516	02-27-2001	Story	
I		US- 6273717	08-14-2001	Hahn et al.	
		US- 6592609	07-15-2003	Bonutti	
I		US- 6635073	10-21-2003	Bonutti	
		US- 2002/0077662	06-20-2002	Bonutti et al.	
V		US- 5562450	10-08-1996	Gieloff et al.	
		US- 6545390	04-08-2003	Hahn et al.	
CCP		US- 2003/0118518	06-26-2003	Hahn et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
CCP	✓	DE 4209191A1	03-22-1992	Hahn		
CCP	✓	DE 9012548.7	09-01-1990	Klaus		
	NC	<del>DE 19644333A1</del>	10-25-1996	Hiebsch Peege		
CCP	✓	WO 96/37163	11-28-1996	Siemens		
	✓	WO 88/03391	05-19-1988	Lundgren		
CCP	✓	GB 2324470	10-28-1998	Customflex		

Examiner Signature	<i>Stokes</i>	Date Considered	1/21/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/661692
Filing Date	9/12/2003
First Named Inventor	Jorg Mayer
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

Sheet	3	of	5
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code* <sup>3</sup> Number* <sup>4</sup> Kind Code* <sup>5</sup> (if known)	MM-DD-YYYY			
CSB	✓	DE 3723643A1	07-17-1987	Rienks		
✓	✓	DE 20113692U1	08-18-2001	Durr Dental		
CSB	✓	WO 91/03211	03-21-1991	Hahn		
✓	✓	<del>WO 94/27558</del>	12-08-1994	Hahn		
CSB	✓	WO 02/087459	11-07-2002	Durr Dental		
✓	✓	DE 19916158A1	04-11-1999	Durr Dental		

Examiner Signature	<i>C. J. Jones</i>	Date Considered	1/21/05
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Sheet 4

of 5

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Application Number	10/661692
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First Named Inventor	Jorg Mayer
Art Unit	3732
Examiner Name	
Attorney Docket Number	FRG-14788CIP

## U. S. PATENT DOCUMENTS

[illegible]

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
CDD	✓	EP 1044656A1	10-18-2000	Durr Dental		
	✓	EP 1044655	03-02-2000	Durr Dental		
	✓	DE 19916160A1	04-11-1999	Durr Dental		
	✓	WO 02/38070 A1	05-16-2002	Durr Dental		
	✓	DE 19735103A1	08-13-1997	Gieloff		
	✓	DE 3919274C1	06-13-1989	Schroter		

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Signature**

Date  
Considered

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